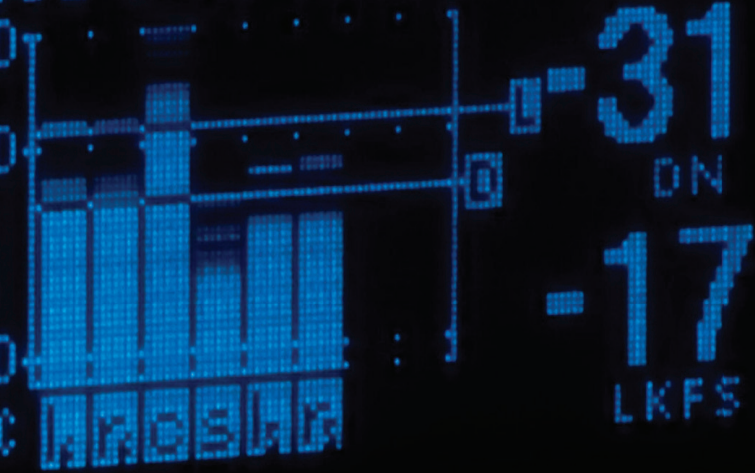


L7 LINEAR ACOUSTIC

DD32 3/2L 448KB/S P1/1 D



MONITOR



DIM/MUTE

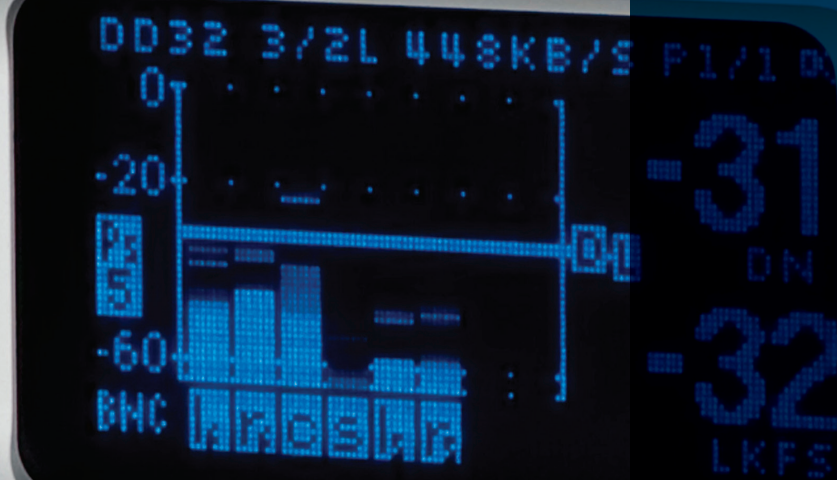
符合ITU-R BS.1770响度测量标准；标配AES和HD/SD-SDI输入，
可选杜比数字(AC-3)，杜比数字+和杜比E解码模块

LAMBDA II™

专业数字音频监
听与元数据监测器

L7 LINEAR ACOUSTIC

MENU



LAMBDA
Audio/Metadata Monitor



LAMBDA II 是为现代电视台的特殊需求而特别设计的顶级数字电视音频监听设备。它包含了从节目制作到消费终端整个广播链中各个环节对于音频和元数据的独特理解。



持久耐用的真空荧光显示器件，外加两个简单易用的菜单与监听模式导航按键区（各由一个旋钮和四个按键组成），提供菜单导航和监听调节。另有四个前面板功能按键，可进行声道选择，即时提取预设和下混监听输出切换

可选的杜比数字（AC-3），杜比数字+和杜比E解码模块可用于任何AES或SDI嵌入音频输入。可提供解码后PCM音频AES输出，全部音频元数据信息即可以显示于屏幕上，同时又可以作用于音频以控制监听输出和指标监测。提供全面的GPI/O功能。该设备还可选配全面保障播出安全的第二冗余电源。

LAMBDA



LAMBDA

Audio/Metadata Monitor

LAMBDA能显示和还原多至16个通过AES或HD/SD-SDI输入的音频通道，并可通过9针串行输入端口或HD-SDI垂直辅助空间(VANC)提取出符合行业标准的专业音频元数据。音频和元数据即可以独立显示，同时元数据也可以作用于音频之上，以实现声音的准确监听。该设备包含长达3帧的音频延时设定对外部视频监视器进行延时补偿。

任意声道，声道对或下混输出(Downmix)都可以通过内置的强大数字放大扬声器，或超高动态前面板耳机输出，或后面板平衡模拟立体声和AES数字输出进行监听。最新的16声道模式可以同时显示全部16声道输入，并通过“即选即听”的方式进行单一声道或5.1环绕声下混监听。



在一个经过严格声学调教的独立空间内，由铝筒包裹的高冲程全频驱动单元外加金属弹片高频驱动单元全面优化频率响应和功率储备。数字Linkwitz-Reilly式分频器与低失真、高效D类音频功率放大器相结合确保卓越的音频质量和响度。

响度测量符合ITU最新版本BS.1770标准。在显示测量值之外，在表头上通过一条浮动直线标识出测量响度值，一条固定直线标识出元数据中响度设定值，以帮助您快速核查节目响度是否达标。

LAMBDA II Specifications:

Input Channels

Eight AES inputs via BNC connectors (SMPTE 276/AES-3ID-2001)
- HD/SD-SDI (SMPTE 292M/259M) input (all 16 channels)

Dolby Digital (AC-3) and Dolby E decoding (Available Option)

Decodes AC-3 and Dolby E signals, displays meters for all encoded channels, any pair of channels or downmix outputs for monitoring.

Digital Audio Inputs and Outputs

1/2, 3/4, 5/6, 7/8, 9/10, 11/12, 13/14, 15/16 AES inputs, with active loop- through or AES output of de-embedded channels or optionally decoded audio; AES Downmix Monitor output. All digital I/O via unbalanced female BNC connectors per SMPTE 276/AES-3ID-2001.

Audio Sample Rate

48kHz

Latency

5msec (LoRo), 11msec (LtRt), adjustable in 1msec steps to 100msec

Frequency Response (Electrical Outputs)

20Hz – 20 kHz +/- 0.25 dB

Speaker Outputs

98 dB SPL @ 1 meter, 160Hz - 20 kHz, 85 dB SPL @ 120 Hz

Headphone and Monitor Outputs

Headphone via 6.3mm front panel connector; +12 dBu max into 600-Ohms, mutes speakers upon insertion; Analogue Monitor out via electronically balanced 3-pin male XLR, output impedance 25-Ohms, 24-bit DAC, +4dBu @ -20dBFS.

Latency

PCM Audio: <1 msec; Dolby Digital (AC-3): 32 msec; Dolby E (NTSC): 33 msec,
Dolby E (PAL): 40 msec

Metadata Input

9-pin female D connector, 115 kbps, pinout per SMPTE 207M (RS-485); Designed to directly interface with Dolby Metadata; alternately metadata can be extracted from VANC space of applied HD-SDI signals.

Ethernet

10/100-BASE-T

Front Panel Controls and Indicators

Long-life, durable, reconfigurable vacuum fluorescent display provides visual indication of audio levels, metadata, and setup parameters. Independent navigation clusters with rotary encoder and switches for intuitive control of menus, monitor modes, volume, and mute.

Power Requirements

High-reliability medical grade power supply rated at 100-264 VAC, auto-sensing, 45 W maximum; optional second supply for redundancy.

Dimensions and Weight

3.50"H (2RU) x 19"W x 15"D; (89 x 483 x 381 mm). Net weight 13.4 lbs (6.1 kg), approximate.

Environmental

Convection cooled. Operating: 0 to 50 degrees C, non- operating -20 to 70 degrees C. RoHS compliant design.

Regulatory

North America: Designed to comply with the limits for a class A digital device pursuant to Part 15 of the FCC rules (CFR). Designed for U.S. and Canadian listing with UL. Europe: Designed to comply with the requirements of Low Voltage Directive 73/23/EEC and EMC Directive 89/336/EEC. Designed for RoHS and WEEE compliance.

Warranty

Two-years limited parts and labor

Available Factory Installed Options

Option -01 - Dolby Digital (AC-3)/Dolby E decoding Option -03 - Dual power supply (second PSU)

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